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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/645,587	08/22/2003	Robert R. Moore	MOOR3002.2/TJM	8226
23364 759			EXAMINER	
BACON & THOMAS, PLLC 625 SLATERS LANE			MAYEKAR, KISHOR	
FOURTH FLOOR ALEXANDRIA, VA 22314			ART UNIT	PAPER NUMBER
, , , , , , , , , , , , , , , , , , , ,			1753	
SHORTENED STATUTORY P	ERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
21 DAY	78	01/10/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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	Application No.	Applicant(s)					
	10/645,587	MOORE, ROBER	MOORE, ROBERT R.				
Office Action Summary	Examiner	Art Unit					
	Kishor Mayekar	1753					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet	with the correspondence ac	Idress				
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUN 36(a). In no event, however, may a rill apply and will expire SIX (6) MC cause the application to become	IICATION. a reply be timely filed ONTHS from the mailing date of this c ABANDONED (35 U.S.C. § 133).	•				
Status							
1) Responsive to communication(s) filed on 2a) This action is FINAL. 2b) This 3) Since this application is in condition for alloware closed in accordance with the practice under E	action is non-final.	•	e merits is				
Disposition of Claims							
4) ☐ Claim(s) 1-8 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) 1-8 are subject to restriction and/or elected.							
Application Papers							
9)☐ The specification is objected to by the Examiner		•					
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.							
Applicant may not request that any objection to the o	- · ·	• •	=D 4 404(4)				
Replacement drawing sheet(s) including the correcti 11) The oath or declaration is objected to by the Ex-	•	• • • • • • • • • • • • • • • • • • • •	` '				
Priority under 35 U.S.C. § 119		· ·	,				
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priori application from the International Bureau * See the attached detailed Office action for a list of	have been received. have been received in ity documents have bee (PCT Rule 17.2(a)).	Application No n received in this National	Stage				
•							
Attachment(s)							
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No	Summary (PTO-413) (s)/Mail Date Informal Patent Application	_				

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Claims 1-6, drawn to a method of operating a falling film plasma reactor,
 classified in class 204, subclass 164+.
 - II. Claims 7-8, drawn to a falling film plasma reactor, classified in class 422, subclass 186+.

The inventions are distinct, each from the other because of the following reasons:

- 2. Inventions of Groups I and II are related as process and apparatus for its practice. The inventions are distinct if it can be shown that either: (1) the process as claimed can be practiced by another and materially different apparatus or by hand, or (2) the apparatus as claimed can be used to practice another and materially different process. (MPEP § 806.05(e)). In this case, the process as claimed can be practiced by an apparatus using a direct current.
- 3. Because these inventions are independent or distinct for the reasons given above and there would be a serious burden on the examiner if restriction is not required because the inventions have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

4. This application contains claims directed to the following patentably distinct

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species: the material entering the falling film plasma reactor is a gas, a particulate and a

liquid. The species are independent or distinct because they are mutually exclusive.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for

prosecution on the merits to which the claims shall be restricted if no generic claim is

finally held to be allowable. Currently, claim 1 is generic.

Applicant is advised that a reply to this requirement must include an identification

of the species that is elected consonant with this requirement, and a listing of all claims

readable thereon, including any claims subsequently added. An argument that a claim is

allowable or that all claims are generic is considered nonresponsive unless accompanied by

an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of

claims to additional species which depend from or otherwise require all the limitations of

an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the

election, applicant must indicate which are readable upon the elected species. MPEP §

809.02(a).

5. Applicant is advised that the reply to this requirement to be complete must include

(i) an election of a species or invention to be examined even though the requirement be

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traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kishor Mayekar whose telephone number is (571) 272-1339. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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